



Mineralogical Society of Great Britain and Ireland

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NOMINATIONS SOUGHT FOR MINERALOGICAL SOCIETY AWARD FOR BEST PAPER



In honour of
R.A. Howie

An award will be made annually to “the lead author of the ‘best paper’ published (in English) in a mineralogical journal (*sensu lato*) within three years of award of his/her PhD thesis”. The award will take the form of a bursary (£1000) to attend an international conference (to be agreed with the society) and to present a paper as the “R.A. Howie Memorial Lecture”. The money will be paid on receipt of an official confirmation of conference registration.

The “R.A. Howie Memorial Lecture” award is named in honour of Prof. R.A. Howie (1923–2012) who was a distinguished professor of mineralogy at Kings College London and Royal Holloway University, London (UK). The nomination process is outlined below.

Nominations

Nominations can be made by any scientist (including a co-author) but not the nominee him/herself and must be supported by a fellow scientist familiar with the nominee’s work.

Nominations must be received, by the Executive Director, by the closing date of 1 September 2015. The Awards Committee will consider the nominations and rank them. This ranking will then be passed to the society’s council (by mid-October) for a formal decision at their November meeting. Council will make a decision and inform the winner.

Nominations should consist of a letter of nomination together with at least one letter of support along with a copy of the paper being nominated and a copy of the nominee’s CV. The letter(s) should address the criteria outlined below and how any or all of them are met by the paper in question. Each nomination package should be submitted in electronic form (a single pdf file) and sent to the society’s Executive Director, Kevin Murphy (kevin@minersoc.org).

Award criteria

The Awards Committee will take into consideration the following points:

1. Novelty
2. Interdisciplinary
3. Applicability
4. How the science is advanced by the new work

Timing

The nominated paper must have been published in the calendar year before the nomination and within three years of award of the candidate’s PhD, and it will remain on the slate for up to two years.

EMU NOTES IN MINERALOGY, VOL. 15

Planetary Mineralogy, edited by Martin Lee and Hugues Leroux, is now available from the Mineralogical Society’s online bookshop: price £30 for individuals, £45 for institutions.

The contents list is as follows:

- **Chondritic meteorites and early Solar System solids.** Ian S. Sanders
- **Organics in primitive meteorites.** Laurent Remusat



- **Aqueous alteration in chondritic asteroids and comets from the study of carbonaceous chondrites.** Josep M. Trigo-Rodríguez
- **Impact metamorphism in terrestrial and experimental cratering events.** Alex Deutsch, Michael H. Poelchau and Thomas Kenkmann
- **Lunar geology.** M. Anand, J.J. Barnes and L.J. Hallis
- **Noble gas chemistry of planetary materials.** Julia A. Cartwright
- **Isotopic analyses of primitive meteorites.** Jutta Zipfel
- **Shocked rocks: impacts from the laboratory to the Solar System.** Mark J. Burchell
- **Micrometeorites.** Luigi Folco and Carole Cordier

GEOMICROBIOLOGY NETWORK: A JOINT GROUP OF THE MINERALOGICAL SOCIETY AND THE SOCIETY FOR GENERAL MICROBIOLOGY

Focused Meeting 2015: Industrial Applications of Metal–Microbe Applications

9–10 November 2015, London, UK

The Industrial Applications of Metal–Microbe Applications is the third of the 2015 Focused Meeting series. It will take place at Charles Darwin House, central London, UK.



Metals are key components of life, and they play crucial roles in many areas of science of technology. Metal–microbe interactions, therefore, underpin many areas of industry, from the mining sector, which relies on “biomining” for extracting valuable metals from low grade ores and on biorecovery for metal processing, through to the water companies and contaminated-land stakeholders who rely on “bioremediation” for sustainable clean-up of contaminated land. Metal–microbe interactions also play key roles in many high-technology applications: they are involved in the correct processing of metal co-factors that are required for a large range of pharmaceuticals and fine chemicals; and they are required for novel nanotechnology biofabrication strategies, including the synthesis of quantum dots, catalysts, nanomagnets and other high-value products (often from wastes).

The UK is well placed to lead this field, but targeted meetings that bring together the complementary microbiological and applied expertise are scant. The complementary interests of the Biotechnology and Biological Sciences Research Council–Networks in Industrial Biotechnology and Bioenergy (BBSRC–NIBB) network program “Metals in Biology: The Elements of Biotechnology and Bioenergy” and the Geomicrobiology Network (a Mineralogical Society Special Interest Group, co-supported by Society of General Microbiology (SGM)), will combine to run a two-day meeting supporting this area.

There are four main themes, supported by a cross-cutting theme on enabling microbiological and analytical infrastructure:

1. Biomining
2. Biorecovery and Bioprocessing
3. Bioremediation
4. Biofabrication of higher-value products

The meeting will have ~100 participants, with representatives from industry and academia. The Geomicrobiology Network/Mineralogical Society will support a session on bioprocessing of e-tech elements (Co, Ga, In, Te, Li and the rare earths) and subsidizing an evening social event; the BBSRC–NIBB will support the attendance of key industrialists. Participants will be drawn from a broad range of sources, including the SGM membership, Geomicrobiology Network membership and those signed up to the Metals in Biology NIBB. Key European Union groups will also be targeted to enhance UK participation in future Horizon 2020 programmes (the biggest ever EU Framework Programme for Research and Innovation). The organizers aim to have a 50:50 blend of industry and academic invited speakers, with supplementary oral and poster presentations for younger researchers.

For more information contact Jon Lloyd (jon.lloyd@manchester.ac.uk).